UNITED STATES BAY HORSE QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-WYOMING GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4874 II NE (BALDY PEAK) 105° 37′ 30″ 45° 07′ 30″ 105° 30′ 45° 07′ 30″ 32'30" R. 50 E. R. 51 E. 20 21 22 23 24 19 20 3-500 800 27 30 28 25 35 36 31 34 2400 T. 8 S. T. 8 S. T. 9 S. T. 9 S. NOTE: No mining-ratio contours are shown on this map because in this quadrangle all of the coal 5 feet (1.5 m) or more thick in this bed is found below the stripping-limit. 12 11 18 15 14 13 17 17 2'30" 24 22 21 23 19 20 20 30 28 25 29 29 31 36 33 32 32 45° 00′ 105° 37′ 30″ R. 73 W. R. 72 W. 32'30" 105° 30′ SCALE 1:24 000 Compiled in 1977 Base map from U.S. Geological Survey, 1970 1 KILOMETER 0° 24' . 258 MILS

COAL RESOURCE OCCURRENCE MAP OF THE BAY HORSE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

OPEN FILE REPORT 79-782 PLATE 22 OF 27

OPEN-FILE REPORT

This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 100 feet (30.5 m).

BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach, and/or an insufficient data line. Arrows point toward area of coal 5 feet or more thick.

To convert feet to meters, multiply feet by 0.3048.

To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply yds<sup>3</sup>/ton by 0.842.

PLATE 22

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE NUMBER 11 COAL BED